

ELECTROPHOTOGRAPHIC SENSITIVE BODY

Patent number: JP63157157
Publication date: 1988-06-30
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Classification:
- international: **G03G5/06; G03G5/06;** (IPC1-7): G03G5/06
- european: G03G5/06D2D4
Application number: JP19860303856 19861222
Priority number(s): JP19860303856 19861222

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Abstract of JP63157157

PURPOSE:To reduce the fluctuation of potentials in the light and in the dark at the time of repeatedly electrically charging and exposing a photosensitive body by forming a layer containing a specified benzimidazole compound.
CONSTITUTION:The electrophotographic sensitive body is provided with the photosensitive layer functionally separated into a charge generating layer and a charge transfer layer containing as a charge transfer material the benzimidazole compound represented by the formula shown on the right in which R1 is optionally substituted alkyl or aryl or the like, and each of R2 and R3 is H or optionally substituted alkyl or the like. For example, the charge transfer layer can be formed by dissolving said compound and a binder, such as polycarbonate, into a desirable solvent and coating the surface of the charge generating layer with the obtained solution, thus permitting the obtained photosensitive body to be high in sensitivity and small in variances of the potentials in the light and in the dark at the time of repeatedly electrifying and exposing it.

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